CLAIMS

1. Reversible cutting insert comprising an anterior layer cutting head portion comprising mutually inclined lateral faces of an anterior periphery and delimiting, together with a large anterior face, a front view profile formed by a certain number of cutting edges mutually inclined in the direction of said profile, and a posterior layer portion, constituting an anchoring base on a tool holder, comprising lateral faces of a posterior periphery, at least some of which are framing supporting faces on walls of a seat of the tool holder, characterised in that the posterior periphery comprises a smaller number of lateral framing supporting faces than the number of cutting edges.

2. Insert according to claim 1, in which the lateral framing supporting faces are planar.

3. Insert according to claim 1, in which the lateral framing supporting faces define a said curved posterior periphery.

4. Insert according to claim 3, in which the curvature is variable over a same lateral framing supporting face.

5. Insert according to claim 1, in which the successive lateral framing supporting faces are joined together at respective angles less than 180 degrees, in order to thereby define a said posterior periphery having a uniformly varying orientation.

6. Insert according to claim 3, in which the lateral framing supporting faces are concave.

7. Insert according to claim 1, in which the lateral framing supporting faces have an overall truncated cone shape.

8. Insert according to claim 7, in which the anterior layer portion has a truncated pyramid shape with rising edges aligned with rising edges of the posterior layer portion.

9. Insert according to claim 1, in which the anterior layer portion is delimited by two overlapping truncated pyramids having different tapers.

10 Insert according to claim 1, in which the large anterior face has an overall parallelogram shape.

11. Insert according to claim 10, in which some of consecutive pairs of lateral framing supporting faces are mutually inclined at an angle ranging between 65 and 85 degrees.

12. Tool holder for a cutting insert according to claim 1, the tool holder comprising a seat including a bottom, associated with insert clamping means, and lateral walls for receiving posterior framing support sides of the insert, characterised in that the seat is designed to receive and support a first specific number of posterior framing support sides of the insert and to leave accessible a second specific number, greater than the first number, of anterior cutting edges of the insert, determined by as many mutually inclined, anterior peripheral lateral faces as there are.

13. Tool holder according to claim 12, in which the walls of the seat are flared in relation to the bottom.

14. Tool holder according to claim 12, in which the walls of the seat are mutually inclined at an angle ranging from 65 to 85 degrees.

15. Tool holder according to claim 12, in which the walls of the seat are further designed to receive, as a framing support, anterior supporting sides of the anterior cutting edges of the insert.